

## AGENDA ITEM E-03



# CITY OF LODI COUNCIL COMMUNICATION

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**AGENDA TITLE:** Approve plans and specifications and authorize advertisement for bids for one (1) AC HiPot Tester (EUD)

**MEETING DATE:** April 21, 2004

**PREPARED BY:** Electric Utility Director

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**RECOMMENDED ACTION:** That the Council approve the plans and specifications for one (1) AC HiPot tester and authorize advertising for bids.

**BACKGROUND INFORMATION:** The Electric Utility Department substations utilize vacuum style circuit breakers for the majority of the 12kV circuits. The City currently has a 25-year-old D.C. HiPot tester which does not meet even the minimum manufactures test specifications. The D.C. tester is unstable in its operation and has been repaired several times in past years. The recommended method as now specified by the manufacturer, NFPA and IEEE is to use an A.C. HiPot tester which puts out a wave form that mimics the AC wave form that is impressed upon the contacts of the vacuum bottles and thus provides a more accurate picture of the condition of the vacuum bottles.

Bid opening has been scheduled for May 12, 2004.

**Estimated Cost:** \$12,000

**FUNDING:** Electric Utility Capital Budget  
(See page E-48 of the 2003-2005 Financial Plan & Budget)

**Funding Approval:** \_\_\_\_\_  
Vicky McAthie, Finance Director

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Alan N. Vallow  
Electric Utility Director

**PREPARED BY:** Carl Lindstrom, Electric Utility Superintendent

ANV/CL/Ist

cc: City Attorney

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**APPROVED:** \_\_\_\_\_  
H. Dixon Flynn, City Manager